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Docket No.: 49959-039

PATENT #7/B4

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

: RESPONSE UNDER 37 CFR 1.116

Ariel BEN-PORATH

: EXPEDITED PROCEDURE

Serial No.: 09/334,049

: Group Art Unit: 2623

Filed: June 15, 1999

: Examiner: Vikram Ball

For: HYBRID INVARIANT ADAPTIVE AUTOMATIC DEFECT CLASSIFICATION

AMENDMENTTHE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

Sir:

The following amendment and remarks are submitted in response to the final Office  
Action mailed October 18, 2002.

IN THE CLAIMS:

Please amend claims 1, 10, 19 and 22 as follows:

520  
C1 1. (Twice Amended) A method of classifying a defect on the surface of an article,  
which method comprises:

imaging the surface to form a defect image;

15  
classifying the defect as being in one of a predetermined number of core classes of  
defects using a rule-based core classifier; and

WDC99 700961-1.049959.0039